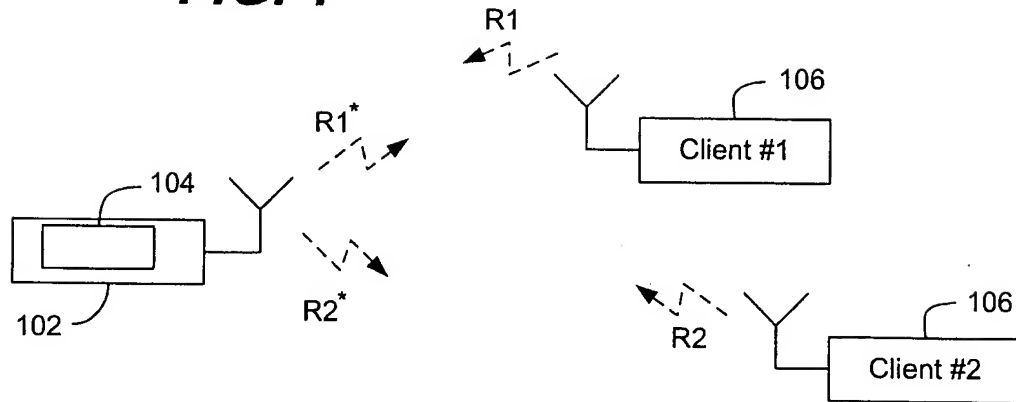
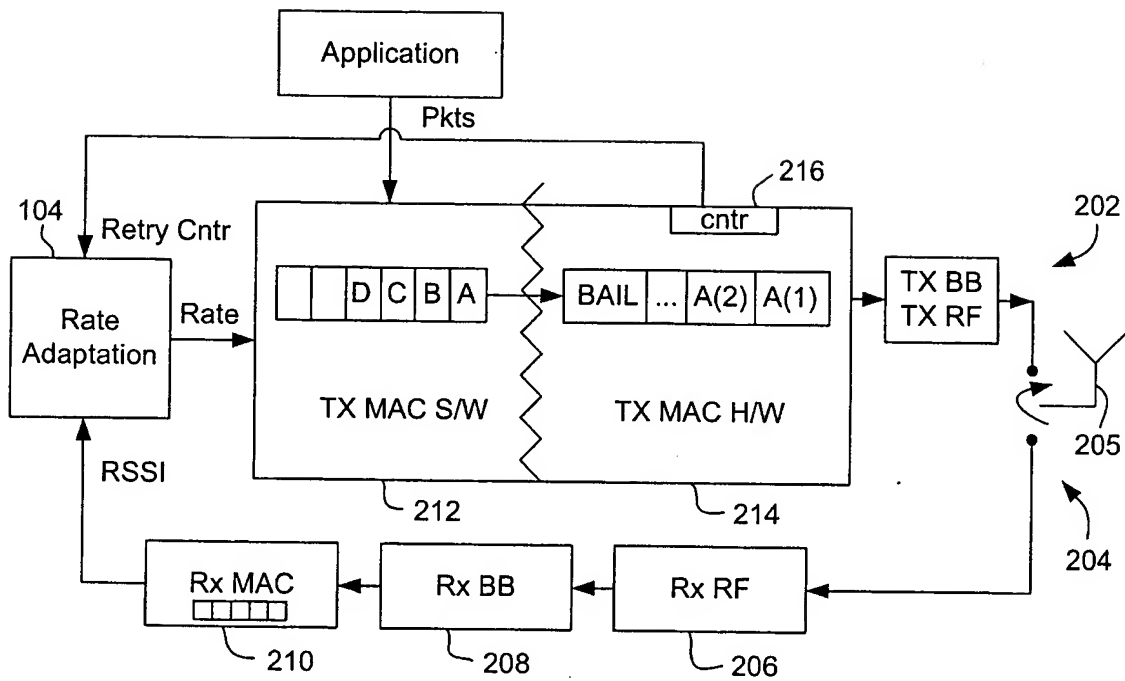
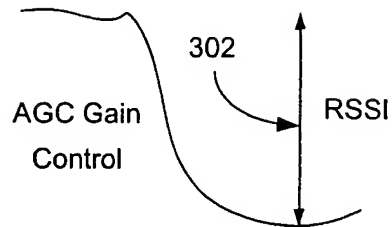
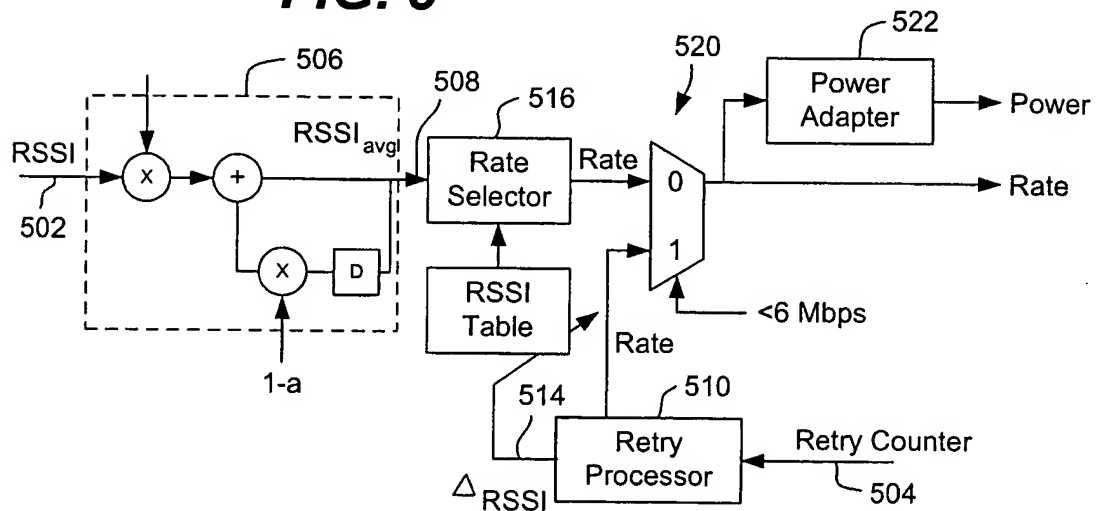


**FIG. 1****FIG. 2**

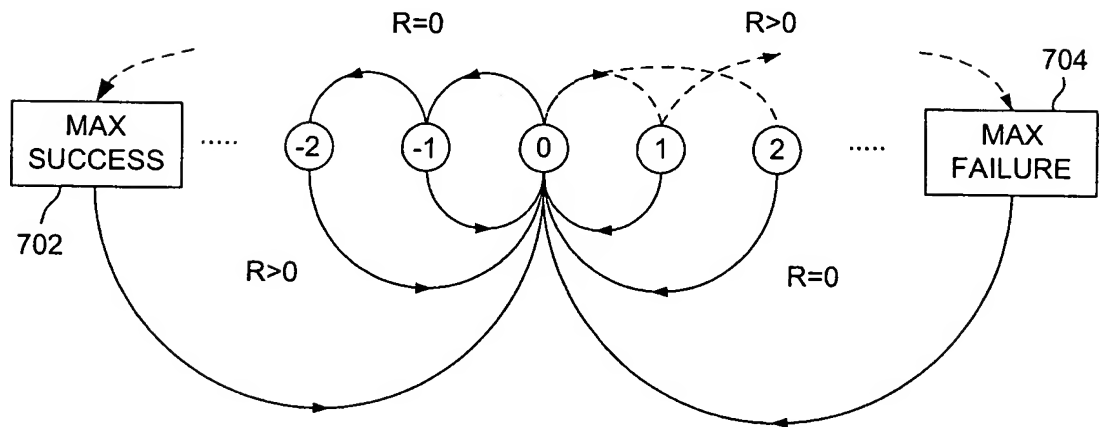
**FIG. 3****FIG. 4**

Data Rates (Mbps)	RSSI <sub>TH</sub> (dB)
54	36
48	33
36	27
24	22
12	16
11	12
6	10

**FIG. 5**

**FIG. 6**

Data Rates (Mbps)	Confidence (dB)
54	-10
48	-7
36	-1
24	4
12	10
11	15
6	20

**FIG. 7**

$R$  : Retry Cnt

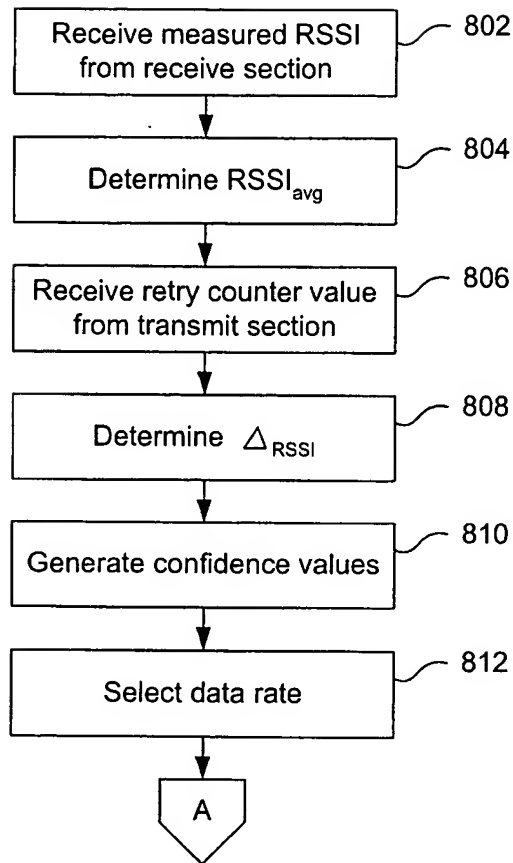
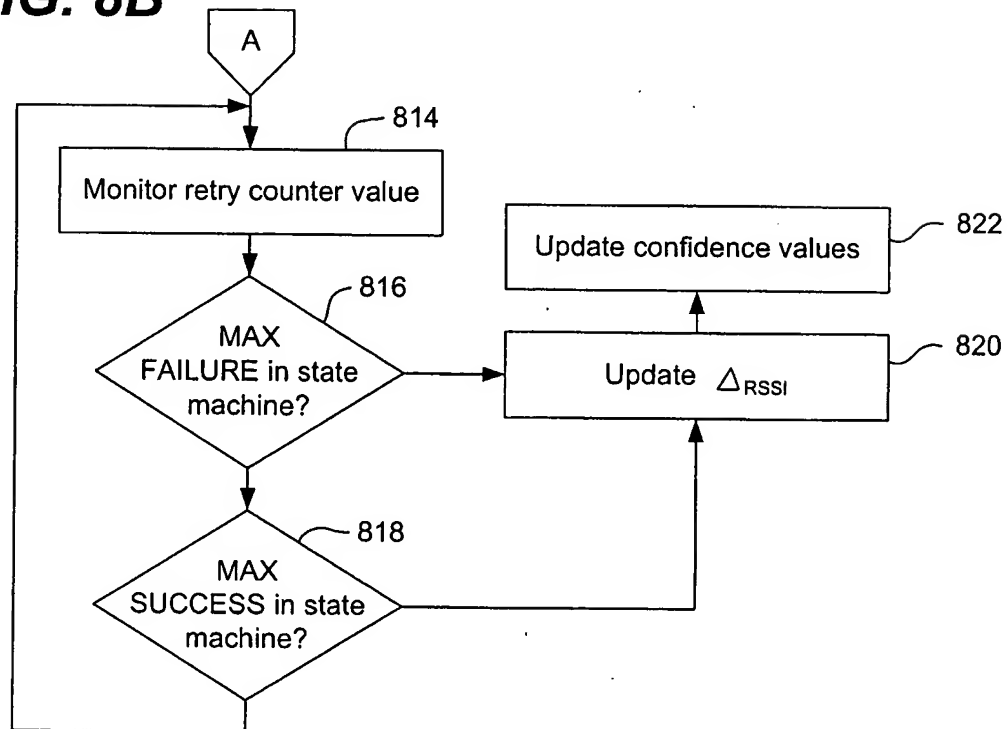
State = # of consecutive success or failure

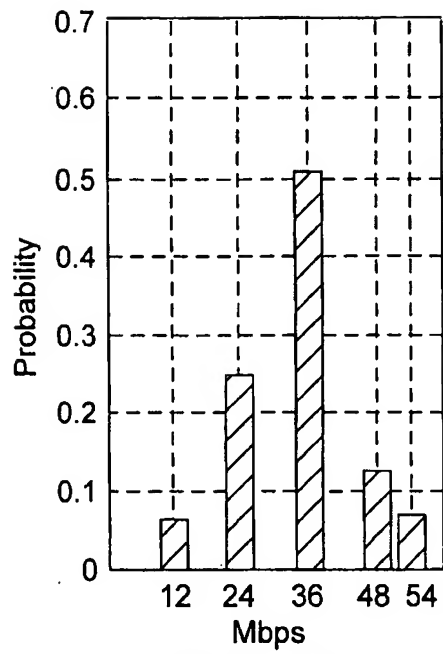
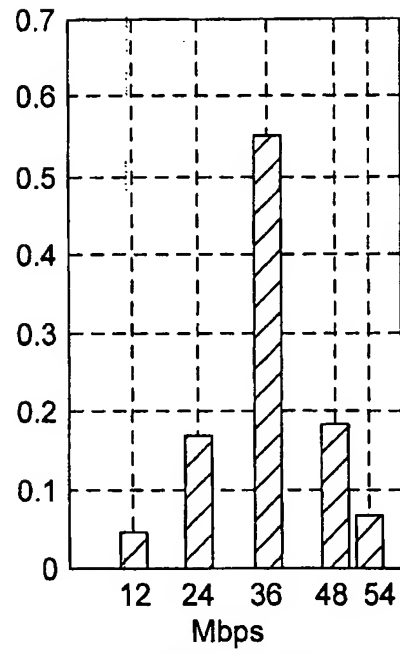
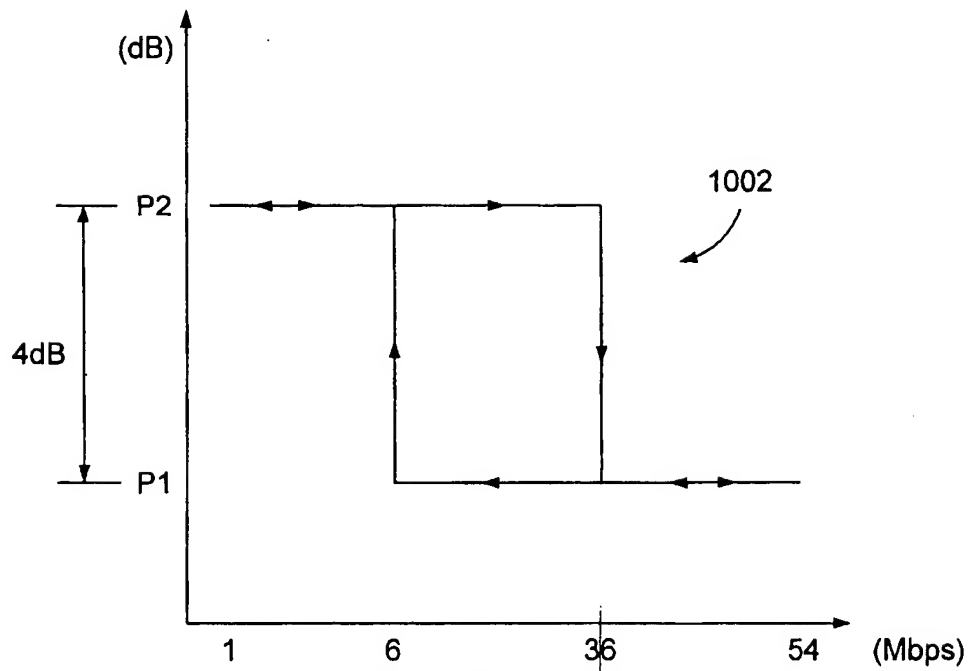
$$\Delta \text{RSSI} = \Delta \text{RSSI} - \Delta 1$$

IF (state == MAX SUCCESS)

$$\Delta \text{RSSI} = \Delta \text{RSSI} + \Delta 2$$

IF (state == MAX FAILURE)

**FIG. 8A****FIG. 8B**

**FIG. 9A****FIG. 9B****FIG. 10**